# S3 Fig. Geometric Mean Ratios of Baseline Fibrinogen, PAI-1, and CRP in Strong Heart Family Study (SHFS) Participants without Diabetes (Visit 3 pilot/Visit 4) in relation to Baseline Urine Arsenic Concentrations



Lines represent the geometric mean ratio (GMR) of plasma fibrinogen, PAI-1, or CRP, by log-transformed urine arsenic concentrations, with the 10th percentile of arsenic (2.2 µg/g creatinine) as the reference. Shaded regions represent the upper and lower boundaries of the 95th confidence limits of the GMR. GMR estimated from linear mixed models with a random intercept for family to account for potential correlation within families. Arsenic was modeled using restricted quadratic splines of log-transformed urine arsenic (knots at the 10th, 50th, 90th percentiles; 2.2, 4.3, and 11.6 µg/g creatinine, respectively). Models were fully adjusted for all potential confounders in Model 2 (age, sex, education (no, some, or finished high school), smoking (never, former, current), alcohol drinking (never, former, current), BMI (kg/m2), LDL cholesterol (mg/dL), hypertension (yes/no), and eGFR (mL/min/1.73 m2), and study center (AZ, OK, ND/SD).